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THE FEEDBAG

" A Few to Preserve the Best "

From the Prez.

March 30, 1998

Hi Everyone ! Well I hope everyone is enjoying this beautiful weather. I have to admit that I have Spring Fever pretty bad. I pulled both of the Mustangs out of the garage two weeks ago and took both out for a very short drive. I had to stay on the back road by my house because the insurance doesn't go back on them until April 1. Now I can't wait to get them out again and to start the show season :-)

For those of you who couldn't make it to the annual WEM club dinner, you missed out on some great food. We went back to the same place that we were at last year. Hey, why mess with a good thing :-) There were over 40 people who attended and I know that everyone had a great time! Our thanks to Sharon for setting everything up and again, thanks to everyone who helped out at last years car show.

Speaking of Shows Our 16th Annual Car Show is just two months away. Hard to believe isn't it ? We are looking for volunteers to help out with the show. If you have some time to spare at the show, stop by the club table or pull me aside and we will find something for you to do. You can also call me ahead of time at 567-2622 and I'll let you know where we need the help. Please help out if you can. We are also looking for some help in the trophy donation , \$\$\$, department. If everyone in the club finds one business to make a donation, we could probably pay for all of the trophies with those funds. That would be great !

I also wanted to take a moment to mention that the WEM Ice Breaker Brunch Run is coming up Sunday May 3. If you are joining us on that outing , please make sure to send your reply form and money in as soon as possible. The people who planned this event need to get an idea of how many people are attending. They appreciate your help in this matter. We look forward to seeing everyone and their cars at this great outing !

Well that's about all for now. As always, take care and keep on Stangin !

MINUTES FROM MEETING HELD MARCH 31ST

- The meeting was called to order at 7:00 PM by president Moen.
- Dawn read the minutes from the February meeting
- Sharon Doria gave the clubs financial report.
- The club dinner , which was held at the Pulaski Inn on March 28th, proved to be another successful outing, thanks to the planning by Sharon Doria. A total of 42 members attended. Once again the food was outstanding. Thanks also to Tom Wagner for supplying the music.
- Wayne reminded the members of the upcoming Brunch Run which will be held on May 3. It will once again be held at the Pine Knoll. The Badgerland club opted to hold their own brunch run and will not be joining us this year. If you have not as yet sent in the money for the reservation please do so by April 24th. A sign up coupon will be placed in the newsletter. Meeting will be at the McDonalds on Highway 83 and I94. The group will depart promptly at 10:00 AM from that point.
- The club members were reminded of the Loyal Ford Show which will be held on April 19th.
- Matt Nugent reported that a destination for the May 17th Day Trip will be to the Racine/Kenosha area. All those planning to attend should meet at the Wauwatosa Savings bank parking lot (Monthly Meeting Spot) at 10:00 AM
- Scott encouraged all members to solicit vendors for donations to our show. This donation will be acknowledged by the club. We are also in need of volunteers for show set up and helping man the booths the day of the show. Goodies for the Goodie Bags are also needed. Please offer your assistance to help make the show a profitable event.
- Scott mentioned that a few of our members will attend the national M.C.A. show held in Dearborn MI on June 12, 13, 14. The club is not planning this as a joint OTR trip. Members will meet at the site in Dearborn.
- The meeting was adjourned at 7:28

Special Note

There have been a few inquiries as to who supplied the cake at the club dinner. If you are interested in ordering a cake the number is listed below.

MARY GRUENEWALD
414-281-8552

To Retrofit, or Not to Retrofit, That is the Question

Recently there has been a lot of buzz about retrofitting your car's A/C system. Before you make any decisions one way or the other, there are a few things that you need to know. Cost, serviceability, legality, and durability are a few of these.

To start off, there are the basics of A/C service these days. There are no more small cans of refrigerant available in our state as well as many others. This means that you can't service your own A/C system. You also need a license in our state to buy refrigerant. This requires you to have recovery/recycling equipment. R12 (the "old" refrigerant) is no longer being manufactured for use in automobiles in the U.S. That is where the "new" refrigerant, R134a, comes in. Since around 1993 or 1994 (and maybe even later depending on what you drive) the cars' A/C systems have been filled with R134a. The reason for the big switchover is the depletion of the earth's ozone layer 20 or so miles up in the stratosphere. R12 has been long suspected of doing damage to this protective layer; it is also suspect as a global warming potential chemical. Why then was it used all of these years you might ask? It was cheap to manufacture, was thought to be harmless unless it came in contact with an open flame (making phosgene gas which is poisonous), and it worked the best in the automobile. So where does this leave the average consumer whose car is in need of repair?

Suppose your car's A/C quits working and you decide to have it looked at. Your technician will inform you of what is wrong with it. Usually this involves some sort of leak detection and leak repair. Your tech cannot just fill the system and collect your money. This is against the law in Wisconsin. If you agree to have the repairs done, the system will have to be filled with some type of refrigerant after the leaks are taken care of. This is where the retrofitting comes in. Some technicians are telling their customers that the car **MUST** be retrofitted in order to be refilled. **THIS IS FALSE.** Currently there are no laws stating that you **MUST** retrofit your car. You can either decide to refill your car with what it came from the factory with (R12 or R134a) or any other **LEGAL** refrigerant. This is where it gets tricky for the consumer.

R12 prices are very high, about \$40 to \$50 per pound. Older cars hold from 2.0 to 3.75 lbs. of R12 on an average. Newer cars use R134a, about \$20 per pound, and hold less, about 1.4 to 2.0 lbs. You can see that it can get expensive if you own a car that takes 3.0 lbs. of R12. If you retrofit that older car to R134a you can cut your refrigerant cost in half. That may sound appealing when the news about the repair costs is delivered to you, but there are things that you should know about retrofitting that car.

The first thing is that R134a isn't as effective as R12. When the car is retrofitted, less refrigerant is generally used than what was called for when the car was new. The reason for this is that R134a runs at higher pressures so when retrofitting the technician will install about 10% LESS refrigerant. This is to keep the pressures within the system down where they were designed to be. Along with the higher pressures that R134a generates there is the possibility that some already weakened components that have been in use in the car for some time may give out. R134a molecules are also 1/6th the size of R12 molecules, making leaks more likely. Then there is the issue about what to do with the refrigerant oil. R12 oil (mineral oil) isn't compatible with R134a nor with R134a oil (PAG or polyalkylene glycol). Since it is illegal to intermix refrigerants, some retrofitters insist on flushing out all of the old R12 oil and replacing it with PAG oil (more labor and expense), and others say that simply adding an ounce or two of ester oil will solubilize the old mineral oil in the R134a. Sound confusing? It sure is, and remember, it's all about choices. Is this a show car or your daily driver? How long do you expect the repair to last? Is this a car that you will keep for a long time? How much do you have to invest?

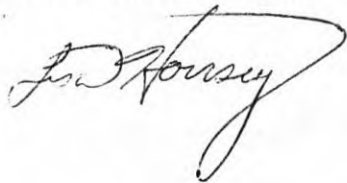
How about some more choices? There are EIGHT other aftermarket refrigerants available in Wisconsin, and they are legal to fill your A/C system with. As you might have guessed, there are things that you need to know about these as well. All of these are BLENDS of two or more types of refrigerants like R134a, R22, R124, butane, and others. Four of these contain R22 which, according to the EPA, must be used only with barrier hose. This means that you may have to change the A/C hoses on your car to this "more leakproof" type, adding additional expense to your retrofit. Also, the EPA has banned the production of R22 starting in the next few years. The last four listed below contain R22. What's more, most manufacturers refuse to warranty any new parts installed in an A/C system that is filled with an aftermarket refrigerant. Currently these refrigerants cost less than R12, but more than R134a on an average.

TCC Freeze 12
Frigc FR-12
Free Zone RB-276
Ikon-12
R-406A, GHG, McCool
GHG-X4, Autofrost, Chill-It
Icor Hot Shot, Kar Kool
GHG-HP

Another thing to consider is that once you have dedicated your car to one of these above refrigerants, it MUST be serviced by a shop that has the DEDICATED equipment for that

refrigerant. For example, if you choose to have your car retrofitted with Freeze 12 and your A/C system has a problem in the future, you MUST locate a shop that services Freeze 12 for your A/C repairs, or have it retrofitted to yet another refrigerant. Not every shop that you encounter will have the dedicated equipment for that refrigerant as it is very expensive and they may have chosen another refrigerant to service such as Hot Shot. The company that manufactured your aftermarket refrigerant may be bought up or go out of business. Another downside to the aftermarkets is that they are ALL blends of other refrigerants and NONE of them (at this time) are recyclable in the field at your repair shop. That is to say that they all must be recovered with special equipment and sent back to the manufacturer for reclaiming. R12 and R134a can both be recycled on site (because they are pure refrigerants) by the shop that services your A/C, and this helps to keep the cost to you down. One further point is that the EPA tested all of these refrigerants ONLY for their safety, ozone depleting potential (ODP), and global warming potential (GWP). The EPA does not get involved in how well they work, nor if they cause problems. Right now the mobile A/C industry has acknowledged ONLY R134a as the replacement refrigerant for R12.

To retrofit, or not to retrofit, that is the question, along with retrofit to what? There is an ample supply of R12 in the field at this time; it looks as if the supply will outlast the cars that use it. Since it has not been manufactured since December 31, 1995, there is less of it remaining every day. There are also fewer cars on the road every day that use it. If you decide to retrofit your car, talk it over with your technician. Find out what the shop's warranty is, what they include in a retrofit, and what it will cost you. Many shops are simply removing the R12, adding a little ester oil, installing 2 special fittings, evacuating and refilling the A/C system with R134a, and charging around \$300-\$500 (not bad for 30 minutes worth of work). Some of the manufacturers (Ford is one of these) are offering kits that they recommend to be installed for a proper retrofit. Some of the kits include new compressors, condensers, special air dams, or extra cooling fans to ensure that the retrofit works as well as possible. Be sure to explore ALL of your options before you make any decisions about retrofitting your A/C system. Ask questions and get answers. You will be living with your decision perhaps for years to come. Make it a good one.



CLASSIFIED

FOR SALE: (4) 15X7 American Racing type 10 rims with lock and chrome valve stems. 4 bolt fits '79-'93 Mustang. Asking \$300. CALL RON 414-643-1562.

FOR SALE: Bar with 4 stools. Like new. CALL RON 414-643-1562.

FOR SALE: 1967 Mustang Convertible. 6 Cylinder Cruise-O-Matic, Power top, Power brakes, Console, 2 speed wipers, Tonneau Cover. \$9,500 Firm. CALL MILLARD 414-246-3427.

FOR SALE: 1965 Mustang Coupe. 289-V8-V4. Original miles. Cruise-O-Matic, Limited slip differential, Power steering, 2 speed wipers, Special handling package, Rally Pac, Luggage rack, Remote control trunk release. \$10,500 Firm. CALL MILLARD 414-246-3427.

FOR SALE: 1978 Pony. 4 cylinder. Green Coupe. Extra Parts. Needs minimal work for showing. CALL JOHN 414-476-5569

FOR SALE: 1929 model A Ford. Sport Coupe. Cream color. Total Restorations. Many Extras. CALL BOB OR DAWN 414-367-3359

FOR SALE: 1994 Mustang Cobra. 9648 miles. comes with car cove, bra, and all the '94 Ford Mustang Shop Manuals. Asking \$18,500. CALL DOUG 414-763-8343.

FOR SALE: Delphi Elvis Plates (Looking at a legend series). Plates #1 through #13. In a box with certificates. \$50.00 each or \$500.00 for all 13. CALL DICK 414-521-2367.

FOR SALE: New standard front buckets white upholstery \$85.00. CALL RON 920-533-8879.

FOR SALE: Chrome door strips for '71 Mach 1. '71 Mustang upper door moldings (looks like leather grain). '71 used threshold trim. '71 Coupe roof rails. '71-'73 Ford factory in dash tachometer. '71 taillight \$20.00. '71 deluxe Mach 1 style R/S door panel very good \$50.00. '71 standard instrument cluster 10.00. Grille for '68 Ford full size \$20.00. Plus free back issues of Mustang Monthly. CALL FRANK 414-263-7892 OR 414-351-9913.

WANTED: Parts for 1967 Cougar. Need Instrument panel, Dash pad, Aluminum trim pieces, Suspension parts, Manuals. CALL RICH 414-646-7780.

WANTED: Any size trains or parts, electric or wind up. CALL WAYNE 414-246-4749.

TO PLACE AN AD IN THE FEEDBAG COST MEMBERS NOTHING. ANY AD RECEIVED BY THE NIGHT OF OUR MONTHLY MEETING WILL APPEAR IN THE NEXT EDITION. YOUR AD WILL RUN FOR TWO MONTHS UNLESS I AM INSTRUCTED OTHERWISE.

Ad Coupon

WANTED/FOR SALE: _____

NAME: _____ PHONE: _____

SEND AD TO:
BOB ZIMMERMANN
2307 W. CARRINGTON AVE
OAK CREEK, WI 53154

IT WAS SO GOOD -- WE'RE GOING BACK!

WHERE: PINE KNOLL SUPPER CLUB
LAKE MILLS

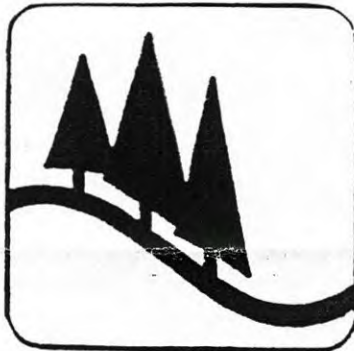
WHAT: ANNUAL ICE BREAKER BRUNCH RUN

WHEN: SUNDAY, MAY 3RD, 1998

MEET: MCDONALD'S AT I-94 AND HWY. 83

DEPARTURE: 10:00 A.M. SHARP!
BRUNCH SERVED AT 11:00 A.M.

ANY QUESTIONS??? CALL WAYNE KABITZKE 246-4749



(PLEASE RETURN THIS PORTION WITH YOUR CHECK)

NAME: Alicia + Sharon Gloria PHONE: 761-2267

2 Adults @ \$10 = \$ 20.00

_____ Age 7-11 @ \$8 = \$ _____

_____ Age 6 & Under @ \$6 = \$ _____

_____ High Chair @ \$2 = \$ _____

Total Enclosed: = \$ 20.00

Please Make Check Payable to:
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Send to:
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W233 N6103 Lilac Drive
Sussex, WI 53089

CHECKS MUST BE RECEIVED BY APRIL 24TH!

*Dick FYI
I called
Coroline
4-16-98*

1:12 PM

*Didn't
send check
in - I'll be getting them!*

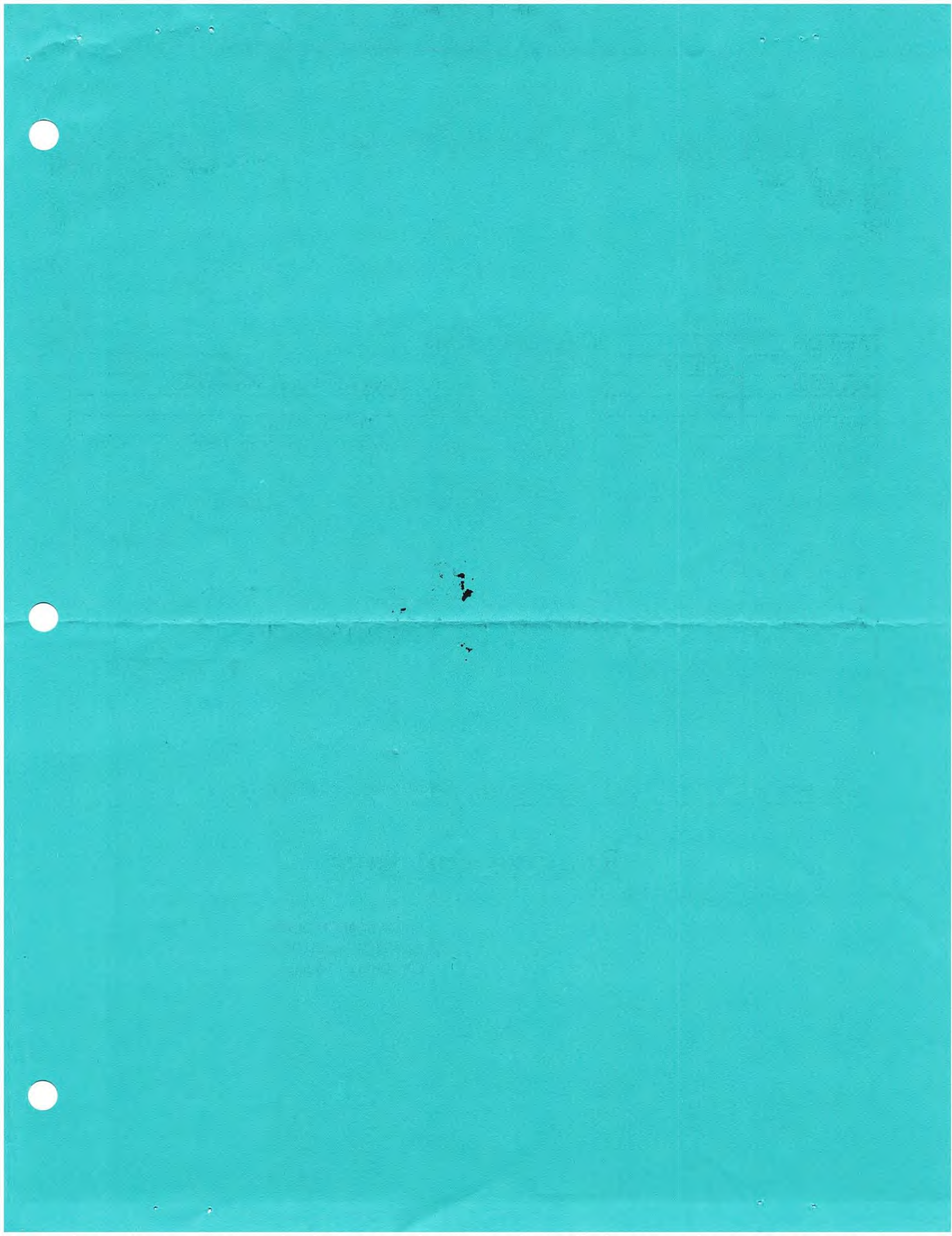
back on my way!

1998 CALENDAR

April 19th		Loyal Ford Car Show.
April 26th	April 27th	Jefferson Swap Meet.
April 27th		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
May 3rd		Ice Breaker Brunch Run
May 17th		W.E.M. Cruise and day trip. To Kenosha Area
May 30th		W.E.M. Care show set-up 1:00PM Witt's Venus Ford
May 31st		W.E.M. Annual Car Show and Swap
June 26th	June 27th	Nostalgia Days
June 27th	June 28th	Over the Road Trip to the Mississippi River area. One niter
June 29th		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
July 19th		W.E.M. Cruise and day trip.
July 26th		Sorens Ford Car Show.
July 27th		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
August 2nd		Elkhorn Show and Swap.
August 16th		Midwest Ford Show and Swap in Antioch Il.
August 23rd		Wisconsin Dells Show.
August 31st		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
September 13th		Day Trip to The House on the Rock.
September 26th	September 27th	Fall Jefferson
September 28th		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
October 2nd	October 4th	Annual Door county Trip 2 niter
October 26th		Monthly Club Meeting 7:00PM Wauwatosa Savings Bank.
November 30th		Annual planning meeting and club meeting 6:30PM

Remove and Save

The calendar will be updated monthly. If you have knowledge of a particular date or event notify me and I will include it on the next months updated calendar.



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